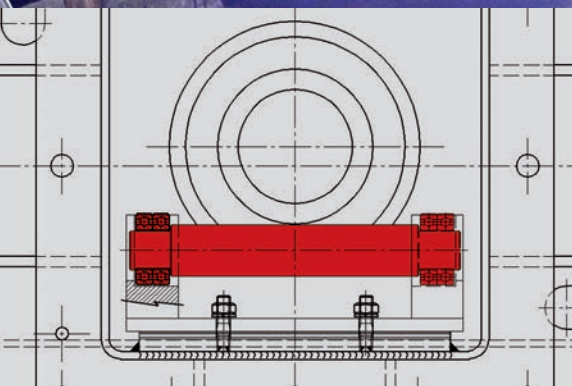


IMPROVED PROCESS RELIABILITY FOR AICHELIN PUSHER TYPE FURNACES



Process reliability by
optimized supporting roller
for shaft thrusters

Reduction of wear to guide bushings and supporting rollers

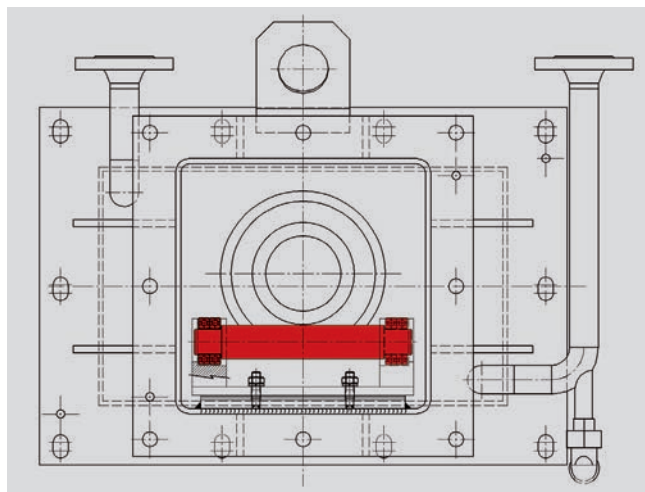
- **Extreme stress on the** pusher type drive **guide bushing:**
 - High temperature load in the immediate area around the furnace space.
 - Intermittent compressive stress in unfavorable lubricating conditions.
 - Frictional load of the sliding bushing resulting from abrasive particles from the insulation and furnace atmosphere.
- **Annual replacement of bushings** is required in furnaces with short cycle times.

The AICHELIN solution: Supporting roller for shaft thrusters

- New development of the supporting roller that clearly enables longer downtimes of the guide bushing.
- Minimized repair and maintenance costs.
- Less wear of the sliding plate on the impact head.
- Better guiding of the impact head.
- Supporting rollers on all pusher type plants constructed in serial production since 2010.
- Retrofitting with all existing pusher type furnaces possible.
- Reduced wear of the bushing.

Customer benefits

- Clearly longer downtime of the guide bushing.
- Minimized repair and maintenance costs.
- Better guiding of the impact head.
- Higher process reliability.
- Existing plants can be retrofitted.



Optimized supporting roller with clearly longer downtime.

Our unique selling point

- Perfectly adapted to your AICHELIN plant through the know-how of the plant manufacturer.

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